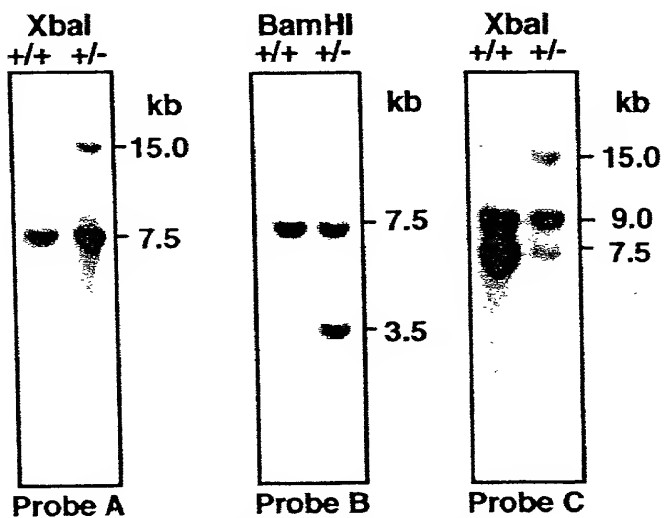
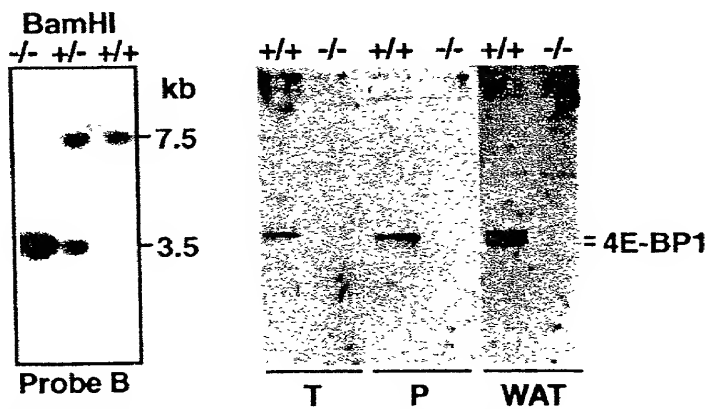


Fi - 1a

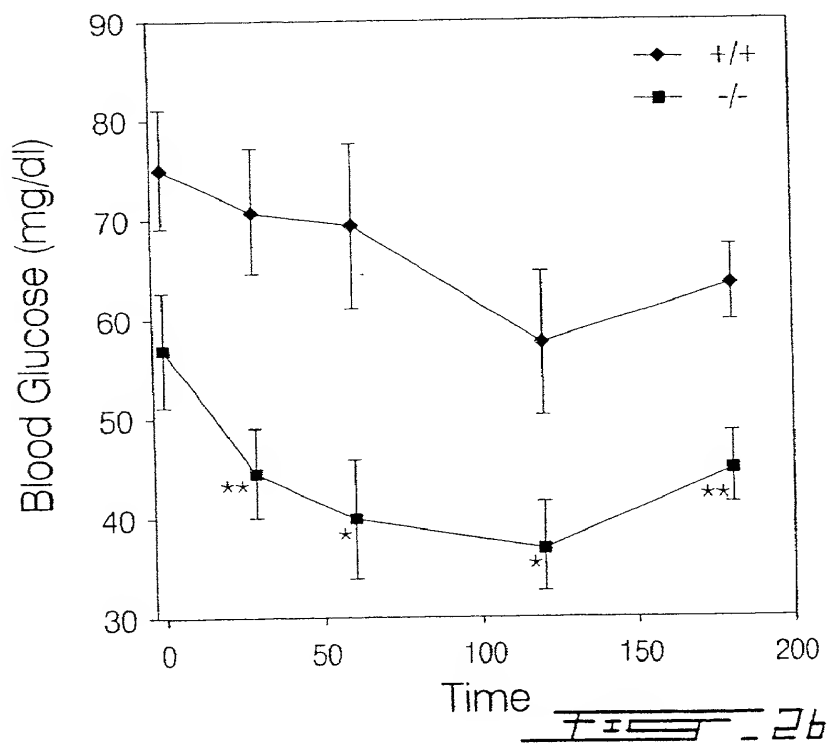
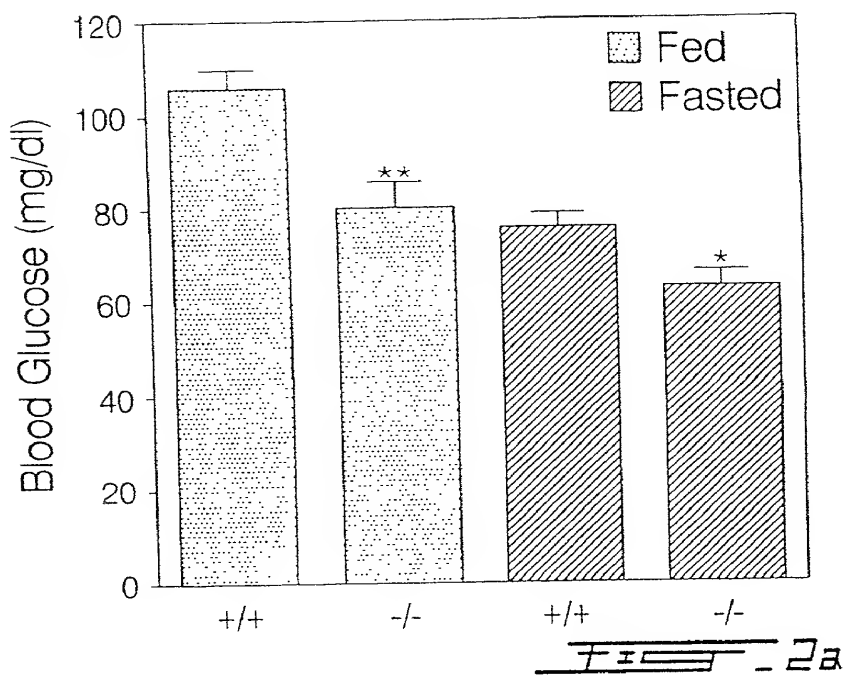


Fi - 1b



Fi - 1c

Fi - 1d



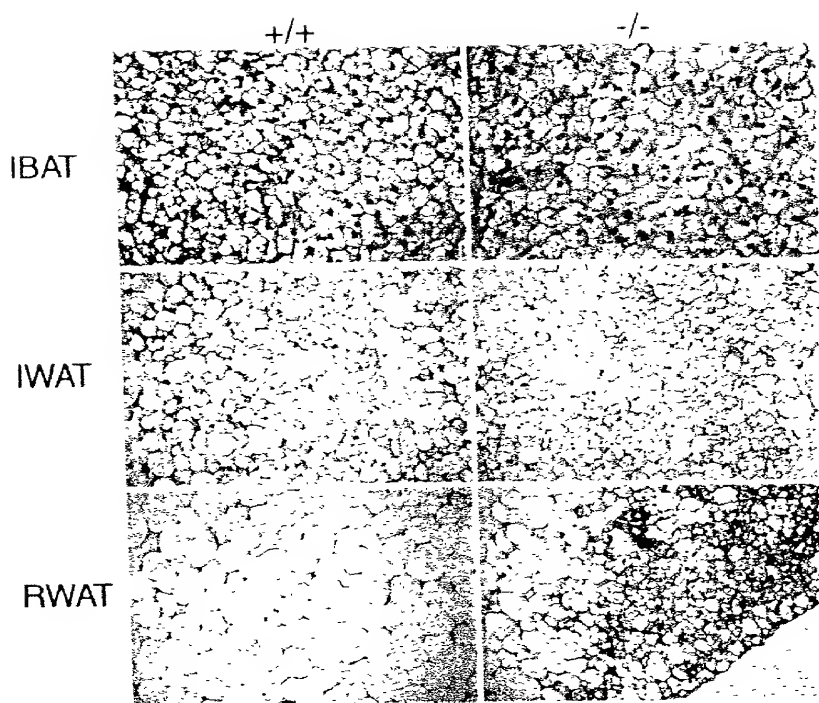


Figure 3a

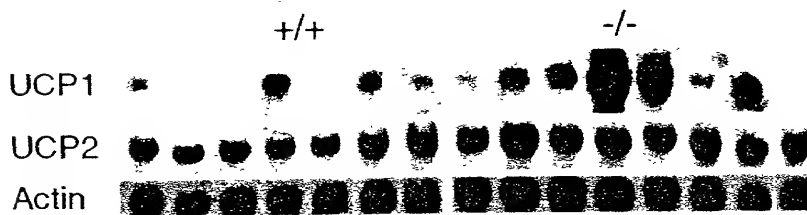


Figure 3b

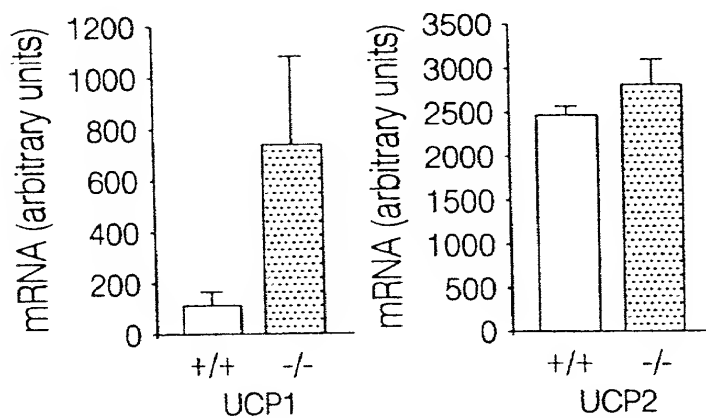


Figure 3c

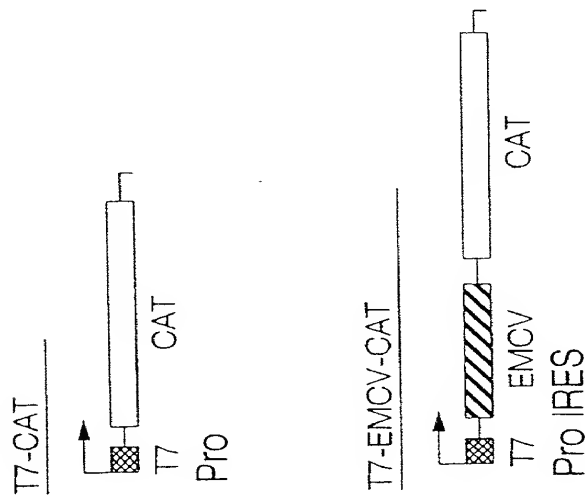


Fig. 4a

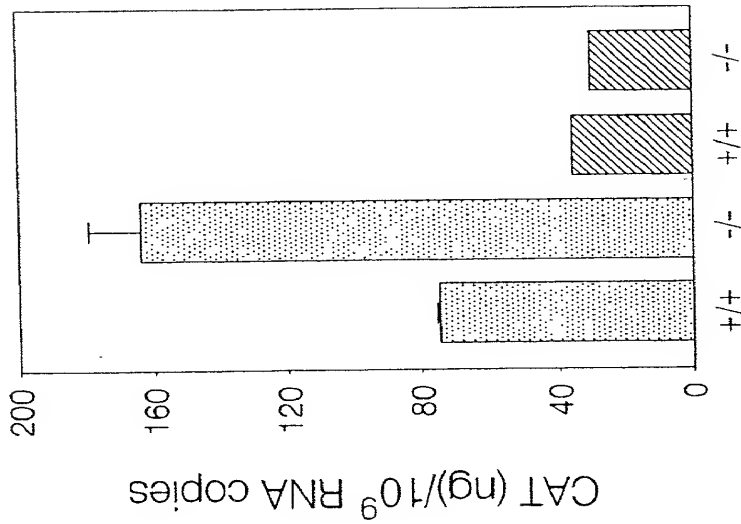


Fig. 4b

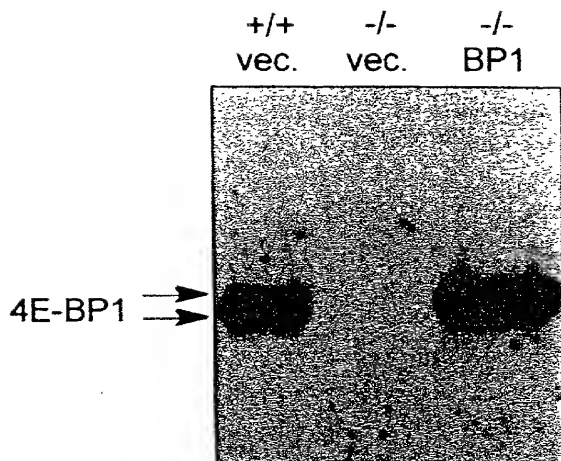


Fig. 5a

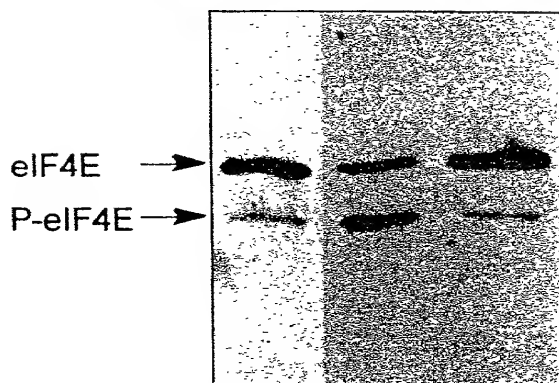


Fig. 5b

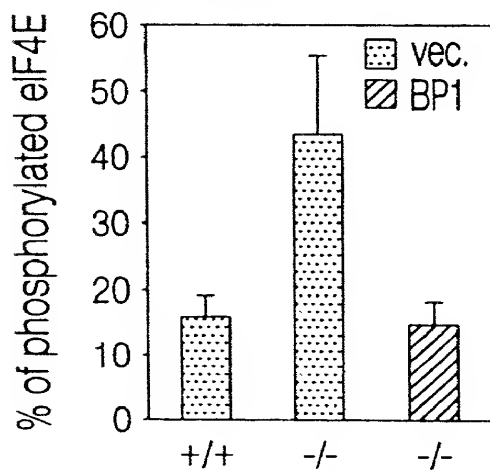


Fig. 5c

h4E-BP1  
h4E-BP2  
h4E-BP3

R	I	I	Y	D	R	K	F	L	M	E	C	R	N	S	P
R	I	I	Y	D	R	K	F	L	L	D	R	R	N	S	P
R	I	I	Y	D	R	K	F	L	L	E	C	K	N	S	P

gg4E-BP  
hr4E-BP  
bm4E-BP  
sm4E-BP  
dd4E-BP

R	I	I	Y	D	R	K	F	L	M	E	C	R	N	S	P
R	I	I	Y	D	R	L	F	L	L	K	C	R	D	S	P
R	I	V	Y	E	R	S	E	M	L	S	L	R	Q	S	P
R	I	I	Y	E	R	D	F	I	L	S	C	R	N	S	P
K	I	V	Y	D	R	N	A	L	L	Q	Y	R	N	S	P

consensus

+ΦΦY-+.fLΦ..R.SP

FiS - □

Human	h4E-BP1	RIIYDRKELLMECRNSP
	h4E-BP2	RIIYDRKELLDRRNSP
	h4E-BP3	RIIYDRKELLECKNSP
	heIF4GI	KKRYDREELLGFQFIF
	heIF4GII	KKQYDREELLDFQFMP
	heIF4GI	KKRYDREELLGFQFIF
Rabbit	4E-BP	RIIYDRKELLMECRNSP
Chicken	zeIF4G	KKRYDREELLGFQFIS
Zebrafish	dmeIF4G	KKQYDREELLQLREVK
Drosophila	p82	RVRYSRDQLTDLRKIT
Wheat germ	eIF4G	RVKYYTREQLLELKEVI
A. Thaliana	4E-BP	RIIYDRLELLKCRDSP
H. roretzi	4E-BP	RIIVYERSEMLSLRQSP
BomByx mori	4E-BP	RIIYERDEFLSCRNSP
S. mansoni	4E-BP	KIIVYDRNALQLQYRNSP
D. discoideum	p150	KYTYGPTELLQFKDKL
S. cerevisiae	p130	KYTYGPTELLQFKDKL
	p20	MTKYTIDELLFQLKPSL

+ $\phi$ .Y.+. $\phi$ L $\phi$ .....